

Further examples of synthetic cationic polymers useful in forming the tie layers of the present invention include:

- Q1
- (i) a polyallylamine (PAH) homo- or copolymer, optionally comprising modifier units as described herein;
  - (ii) a polyethyleneimine (PEI) as discussed above;
  - (iii) a polyvinylamine homo- or copolymer, optionally comprising modifier units;
  - (iv) a poly(vinylbenzyl-tri-C<sub>1</sub>-C<sub>4</sub>-alkylammonium salt), for example a poly(vinylbenzyl-tri-methyl ammonium chloride);
  - (v) a polymer of an aliphatic or araliphatic dihalide and an aliphatic N,N,N',N'-tetra-C<sub>1</sub>-C<sub>4</sub>-alkyl-alkylenediamine, for example a polymer of (a) propylene-1,3-dichloride or -dibromide or p-xylylene dichloride or dibromide and (b) N,N,N',N'-tetramethyl-1,4-tetramethylene diamine;
  - (vi) a poly(vinylpyridin) or poly(vinylpyridinium salt) homo- or copolymer;
  - (vii) a poly (N,N-diallyl-N,N-di-C<sub>1</sub>-C<sub>4</sub>-alkyl-ammonium halide);
  - (viii) a homo- or copolymer of a quaternized di-C<sub>1</sub>-C<sub>4</sub>-alkyl-aminoethyl acrylate or methacrylate, for example a poly(2-hydroxy-3-methacryloylpropyltri-C<sub>1</sub>-C<sub>2</sub>-alkylammonium salt) homopolymer such as a poly(2-hydroxy-3-methacryloylpropyltri-methylammonium chloride), or a quaternized poly(2-dimethylaminoethyl methacrylate or a quaternized poly(vinylpyrrolidone-co-2-dimethylaminoethyl methacrylate);
  - (ix) POLYQUAD<sup>®</sup> as disclosed in EP-A-456,467; or
  - (x) a polyaminoamide (PAMAM), for example a linear PAMAM or a PAMAM dendrimer such as a amino-terminated Starburst<sup>™</sup> PAMAM dendrimer (Aldrich).
- ok

B) Please twice amend the paragraph beginning at page 31, line 22 and ending at page 32, line 7 as follows:

Suitable modifier units of the polyallylamine (i) are, for example, of formula

(5),

Q2

wherein L is C<sub>2</sub>-C<sub>6</sub>-alkyl which is substituted by two or more same or different substituents selected from the group consisting of hydroxy, C<sub>2</sub>-C<sub>5</sub>-alkanoyloxy and C<sub>2</sub>-C<sub>5</sub>-alkylamino-carbonyloxy.

does not make sense

*Q2*  
L may be linear C<sub>3</sub>-C<sub>6</sub>-alkyl, such as linear C<sub>4</sub>-C<sub>5</sub>-alkyl, or, more particularly, n-pentyl which is in each case substituted as defined above.

C) Please twice amend the paragraph beginning at page 32, line 16 and ending at page 33, line 7 as follows:

A particular embodiment relates to polyallyl amines comprising units of the above formula (5), wherein L is a radical of formula

(6),

*Q3*  
wherein g is 1, 2, 3, 4 or 5, preferably 3 or 4 and in particular 4, each R\* is independently hydrogen or a radical -C(O)-R<sub>29</sub> or -C(O)-NH-R<sub>29'</sub>, and for R<sub>29</sub> and R<sub>29'</sub> the above meanings and preferences apply. L is even more preferred a radical of the above formula (6) wherein g is 3 or 4, in particular 4, and each group -OR\* independently is hydroxy or hydroxy which is partly or completely acetylated, in particular hydroxy. Particular preferred radicals L are 1,2,3,4,5-pentahydroxy-n-pentyl or 1,2,3,4,5-pentahydroxy-n-pentyl wherein the hydroxy groups are partly or completely acetylated.

*does not make sense*

D) Please twice amend the paragraph bridging page 33 and page 34 as follows:

Suitable modifier units of the polyvinylamine (iii) are, for example, of formula

*Q4*  
(5a),

wherein for L the above-given meanings and preferences apply.

A suitable polyvinylamine copolymer is, for example, a copolymer comprising vinylamine units and units derived from another hydrophilic comonomer, for example from acrylamide, N,N-dimethyl acrylamide, N-vinylpyrrolidone or the like.

E). Please amend the second paragraph on page 71, lines 11-22 as follows: